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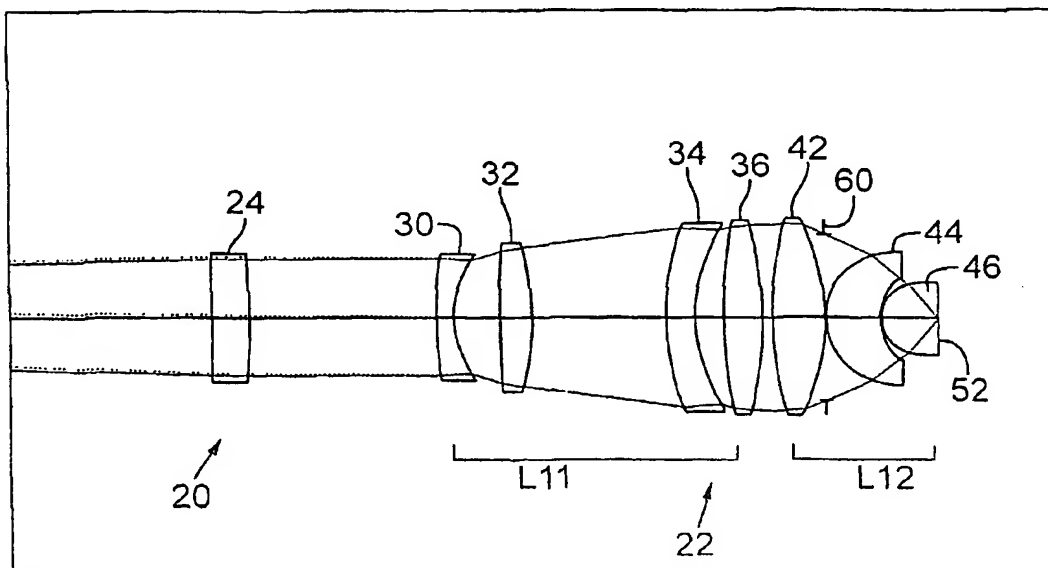
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(54) Title: HIGH RESOLUTION OBJECTIVE LENS ASSEMBLY



(57) Abstract: A high resolution objective lens assembly (20, 120, 220, 320) is implemented with refractive lens elements made of modified fused silica for operation at deep ultraviolet (DUV) wavelengths to reduce birefringence-caused image aberrations. The high resolution is achieved by an optical design that is characterized by a very high numerical aperture (NA) and short wavelength operation.

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,208,459 A (COON et al.) 27 March 2001 (27.03.2001), whole document.	1-18
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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